

Applicant: Joseph Lyons

Art Unit: To Be Assigned

Examiner: To Be Assigned

Docket: 1857.203000

Atty: JDE

Application No.: To Be Assigned

Filed: Herewith on August 25, 2003

For: High-Resolution Gas Gauge Proximity Sensor

Due Date: N/A

Applicant: Joseph H. Lyons

Art Unit: To Be Assigned

Examiner: To Be Assigned

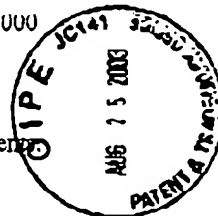
Docket: 1857.2030000

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Application No.: To Be Assigned

Filed: Herewith on August 25, 2003

For: High-Resolution Gas Gauge Proximity Sensor



When receipt stamp is placed hereon, the USPTO acknowledges receipt of the following documents:

1. SKGF Cover Letter;
2. PTO Fee Transmittal (Form PTO/SD/17);
3. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
4. U.S. Utility Patent Application entitled: **High-Resolution Gas Gauge Proximity Sensor** and naming as inventor(s): **Joseph H. Lyons** the application consisting of: a. An Application Data Sheet (37 C.F.R. § 1.76); b. A facsimile copy of an original executed Declaration; c. A specification containing: i. 15 pages of description prior to the claims; ii. 4 pages of claims (18 claims); iii. a one (1) page abstract; d. 6 sheet(s) of drawings: (Figure(s) 1-6); and
5. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
6. Recordation Form Cover Sheet;
7. A facsimile copy of an original executed Assignment to ASML Holding N.V., recordation of which is hereby respectfully requested;
8. Two (2) return postcards; and
9. Form PTO-2038 Credit Card Payment Form in the amount of \$ 790.00 to cover:
\$ 750.00 Filing fee for patent application; and
\$ 40.00 Assignment recordation fee.

Applicant: Joseph H. Lyons

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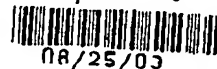
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22389 U.S. PTO

10/646720



08/25/03

Mail Stop Patent Application

T.D.S. due 11-25-03

Foreign Filing Deadline 8-25-04

For Advance Notification of Application Number



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*Admitted only in Maryland
*Admitted only in Virginia
*Practice Limited to
Federal Agencies

August 25, 2003

WRITER'S DIRECT NUMBER:

(202) 772-8645

INTERNET ADDRESS:

JASONE@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. To Be Assigned; Filed: Herewith on August 25, 2003
For: **High-Resolution Gas Gauge Proximity Sensor**
Inventor: Joseph H. Lyons
Our Ref: 1857.2030000

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Utility Patent Application entitled:

High-Resolution Gas Gauge Proximity Sensor

and naming as inventor(s):

Joseph H. Lyons

the application consisting of:

- a. An Application Data Sheet (37 C.F.R. § 1.76);
- b. A facsimile copy of an original executed Declaration;
- c. A specification containing:

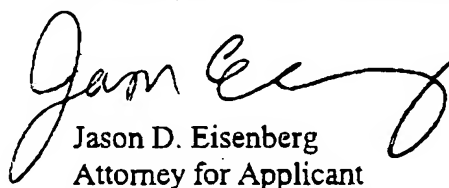
Commissioner for Patents
August 25, 2003
Page 2

- i. 15 pages of description prior to the claims;
 - ii. 4 pages of claims (18 claims);
 - iii. a one (1) page abstract;
 - d. 6 sheet(s) of drawings: (Figure(s) 1-6); and
- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
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 - 7. Two (2) return postcards; and
 - 8. Form PTO-2038 Credit Card Payment Form in the amount of \$ 790.00 to cover:
 - \$ 750.00 Filing fee for patent application; and
 - \$ 40.00 Assignment recordation fee.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Jason D. Eisenberg
Attorney for Applicant
Registration No. 43,447

JDE/adw
Enclosures

::ODMAN\HODMASKGF_DC1:171454:1

Under the Patent

Revelation Act of 1985, no persons are required to respond to a collect.

Information unless it displays a valid USPTO control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003 Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Application Number

Complete If Known

To Be Assigned

Filing Date

Herewith on August 26, 2003

First Named Inventor

Joseph H. Lyons

Examiner Name

To Be Assigned

Art Unit

To Be Assigned

Attorney Docket No.

1887.2030000

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☒ Other** ☐ None

** Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

☐ Deposit Account

Deposit Account Number 19-0036

Deposit Account Name: Glene, Kessler, Goldstein & Fox P.C.L.L.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any over payments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | 750.00 |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1105 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$750.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Fee from below Fee Paid

Total Claims 18 - 20** = 0 X =

Indep. Claims 3 - 3** = 0 X =

Multiple Dependent =

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|---|
| 1202 | 18 | 2202 | 0 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claims, if not paid |
| 1204 | 04 | 2204 | 42 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$0.00)

* or number previously paid, if greater; For Reissue, see above

FEE CALCULATION

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|---|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1502 | 50 | 2052 | 25 | Surcharge-late provisional filing fee or cover sheet | |
| 1053 | 130 | 2053 | 130 | Non-English specification | |
| 1612 | 2,520 | 2012 | 2,520 | Fee filing a request for ex parte reexamination | |
| 1804 | 920* | 2004 | 920* | Requesting publication of CIR prior to Examiner action | |
| 1805 | 1,840* | 2005 | 1,840* | Requesting publication of CIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 2451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1601 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| 1602 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1400 | 130 | 2400 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 2807 | 50 | Processing fee under 37 CFR 1.17(a) | |
| 1808 | 180 | 2808 | 180 | Submission of Information Disclosure Sheet | |
| 8021 | 40 | 28021 | 40 | Renewing each patent assignment per property (times number of properties) | 40.00 |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.128(a)) | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR 1.129(h)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 2802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$0.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

Jason D. Eisenberg

Registration No.
(Attorney/Agent)

43,447

Telephone

202-371-2000

Signature

Date

8-25-03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2036.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to be included in the public file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 15 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

GPOF Rev. 8/23/03 MAC3KGF_OC1:171483.1

Under the Paperwork Reduction Act, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. 1857.2030000
First Inventor Joseph H. Lyons
Title High-Resolution Gas Gauge Proximity Sensor
Express Mail Label No.

COPY

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:
Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ **Fee Transmittal Form (e.g., PTO/SD/17)**
(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27

3. ☒ **Specification** [Total Pages 20]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ **Drawing(s)** (35 U.S.C. 113) [Total Sheets 6]

5. **Oath or Declaration** [Total Pages 2]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 16 completed)

i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR §§
1.63(d)(2) and 1.33(b).

6. ☒ **Application Data Sheet**. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program
(Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies), or
ii. ☐ paper

c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach
form PTO/SB/35 or its equivalent.

17. ☒ Other: Authorization under 37 C.F.R. § 1.136(a)(3)

☒ Other: The name of the assignee is: ASML Holding N.V.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No:
Prior application Information: Examiner Group/Art Unit:

For **CONTINUATION OR DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application part.

19. CORRESPONDENCE ADDRESS

☒ Customer Number 26111

☐ Correspondence address below

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Attorneys at Law
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CITY STATE ZIP CODE
COUNTRY TELEPHONE FAX

NAME (Print/Type) Jason D. Eisenberg Registration No. (Attorney/Agent) 43,447
SIGNATURE Jason D. Eisenberg Date 8-25-03

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is in file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.SKGF_DC1:171436.1

SKGF Rev 5/16/03 mao